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1961-1962

Columbia University Bulletin • Series 61 • Number 31 • August 5, 1961

Issued at Columbia University, New York 27, N.Y., weekly from January for forty-five consecutive issues. Second-class postage paid at New York, N.Y.

The Faculty of Medicine of Columbia University

Départment

of

Nursing

1961-1962

Baccalaureate Program in Nursing

Graduate Program in Maternity Nursing

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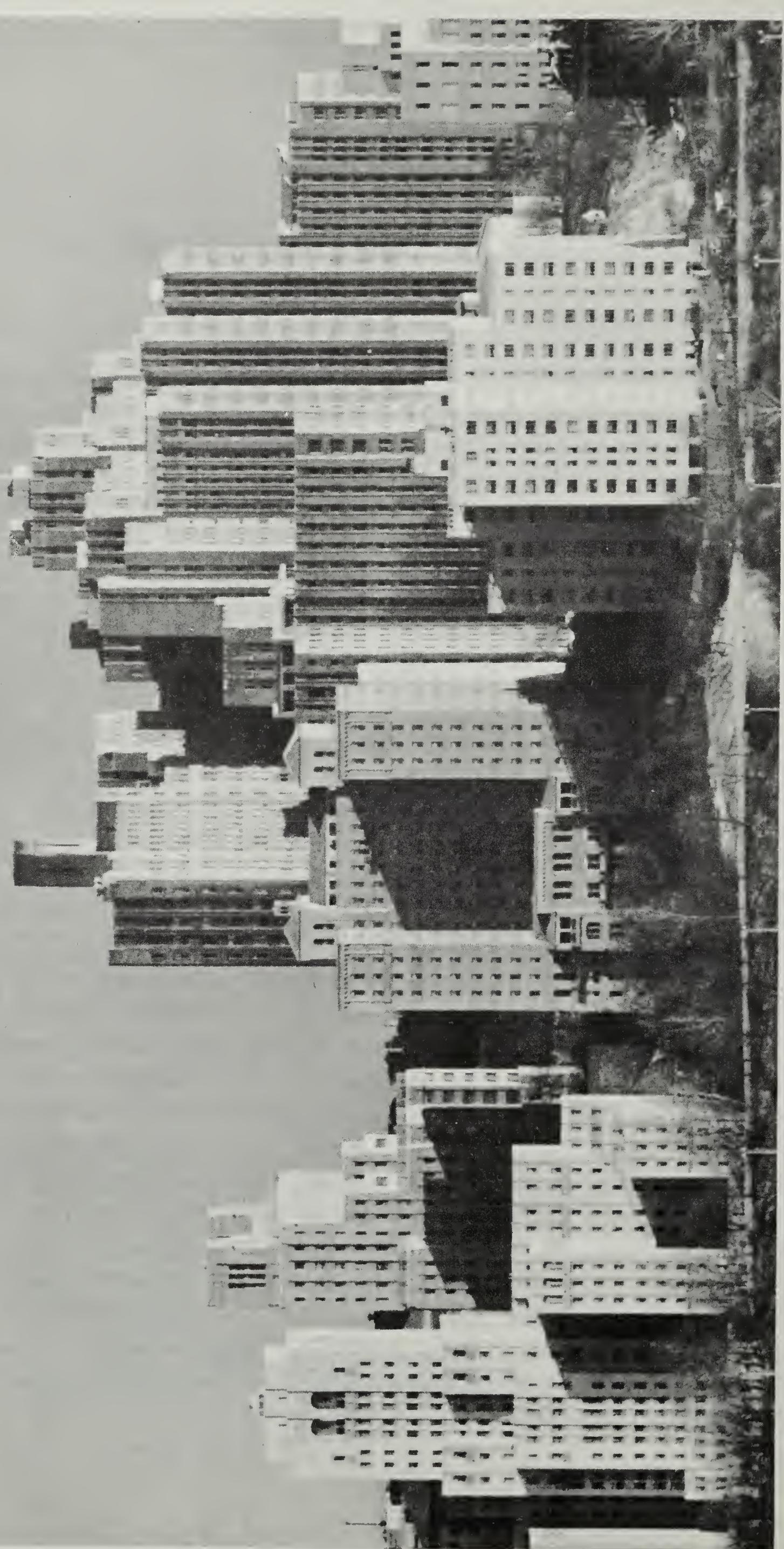
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Thomas P. Fleming	J. Lawrence Pool	Robert H. Wylie
Edmund P. Fowler, Jr.	Milton R. Porter	



THE COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Officers of Instruction

Elizabeth S. Gill. *Professor of Nursing; Associate Dean (Nursing); Chairman, Department of Nursing*

B.S., Elmira, 1927; M.A., Columbia, 1958; Graduate, Presbyterian Hospital School of Nursing, 1937

Helen F. Pettit. *Professor of Nursing; Director of Nursing Education*

B.S., Columbia, 1940; M.A., New York University, 1952; Graduate, Presbyterian Hospital School of Nursing, 1936

Dorothy E. Reilly. *Associate Professor of Nursing*

B.S., Columbia, 1943; M.S., Boston University, 1950; Graduate, Department of Nursing, Faculty of Medicine, Columbia, 1942

Marion D. Cleveland. *Assistant Professor of Nursing*

B.S., Columbia, 1941; M.S., 1945; Graduate, Presbyterian Hospital School of Nursing, 1927

Betty B. Jones. *Assistant Professor of Nursing (Mental Health)*

B.S., Columbia, 1941; M.A., 1956; Graduate, Department of Nursing, Faculty of Medicine, 1941

MEDICAL-SURGICAL NURSING

Mary E. Windrow. *Assistant Professor of Nursing*

B.S., Columbia, 1946; M.A., New York University, 1959; Graduate, Department of Nursing, Faculty of Medicine, Columbia, 1940

FIRST YEAR

Harriet M. Deleuran. *Assistant Professor of Nursing*

B.S., Columbia, 1939; M.A., 1942; Graduate, Presbyterian Hospital School of Nursing, 1933

Lydia A. Bosanko. *Associate in Nursing*

A.B., Syracuse, 1950; B.S., Columbia, 1958; Graduate, Department of Nursing, Faculty of Medicine, 1958

Marcia Mary Gatchell. *Instructor in Nursing (Nutrition)*

B.S., Wisconsin, 1925

Joanne L. Heinly. *Instructor in Nursing*

B.S., Columbia, 1955; Graduate, Department of Nursing, Faculty of Medicine, 1955

Doreen A. Kolditz. *Instructor in Nursing*

B.S., Columbia, 1957; M.A., 1961; Graduate, Department of Nursing, Faculty of Medicine, 1957

Suzanne M. Law. *Instructor in Nursing*

A.B., Seton Hill, 1956; B.S., Columbia, 1959; Graduate, Department of Nursing, Faculty of Medicine, 1959

Susan C. Maines. *Instructor in Nursing*

B.S., Columbia 1960; Graduate, Department of Nursing, Faculty of Medicine, 1960

Lyda S. Martin. *Instructor in Nursing*

B.S., Duke, 1959; Graduate, Duke University School of Nursing, 1959

Teresita M. Maxwell. *Instructor in Nursing*

B.S., Columbia, 1957; Graduate, Department of Nursing, Faculty of Medicine, 1957

6 OFFICERS OF INSTRUCTION

Frances G. Mulvey. *Instructor in Nursing*

B.S., Columbia, 1957; Graduate, St. Peter's School of Nursing, 1951

Elsa Poslusny. *Instructor in Nursing (Mental Health)*

B.S., Hunter, 1957; M.A., Columbia, 1958; Graduate, Moncton Hospital Training School for Nurses, 1953

Joan S. Roselle. *Instructor in Nursing*

B.S., Columbia, 1954; Graduate, Department of Nursing, Faculty of Medicine, 1954

Patricia W. Starr. *Instructor in Nursing*

B.S., Columbia, 1956; Graduate, Department of Nursing, Faculty of Medicine, 1956

SECOND YEAR

Margaret Neubrand. *Associate in Nursing*

B.S., Rochester, 1954; M.A., Columbia, 1959; Graduate, University of Rochester School of Nursing, 1954

Mary E. Johnson. *Instructor in Nursing*

A.B., Radcliffe, 1953; B.S., Columbia, 1956; Graduate, Department of Nursing, Faculty of Medicine, 1956

Margaret J. Hawthorne. *Instructor in Nursing*

B.S., Columbia, 1939; Graduate, Presbyterian Hospital School of Nursing, 1927

Gilda Mancinelli. *Instructor in Nursing*

B.S., Columbia, 1955; Graduate, Stamford Hospital School of Nursing, 1945

Lucille D. Manning. *Instructor in Nursing*

B.S., New York State College for Teachers, 1935; B.S., Columbia, 1949; Graduate, Department of Nursing, Faculty of Medicine, 1949

Miriam A. McCormick. *Instructor in Nursing*

B.S., Fairleigh Dickinson, 1961; Graduate, Holy Name Hospital School of Nursing, 1955

Janet I. Monroe. *Instructor in Nursing*

B.S., Columbia, 1956; Graduate, Department of Nursing, Faculty of Medicine, 1956

Ruth A. Rayner. *Instructor in Nursing*

B.S., Columbia, 1955; M.A., Columbia, 1960; Graduate, Department of Nursing, Faculty of Medicine, 1955

Jane A. Traver. *Instructor in Nursing*

A.B., Roberts Wesleyan, 1956; B.S., Columbia, 1960; Graduate, Department of Nursing, Faculty of Medicine, 1960

Yvonne A. Trebilcock. *Instructor in Nursing*

B.S., Columbia, 1948; M.A., New York University, 1955; Graduate, Department of Nursing, Faculty of Medicine, 1948

Elizabeth T. Arnold. *Assistant in Nursing*

B.S., Columbia, 1960; Graduate, Department of Nursing, Faculty of Medicine, 1960

Catherine M. Towey. *Assistant in Nursing*

B.S., Our Lady of Good Counsel, 1950; B.S., Columbia, 1953; Graduate, Department of Nursing, Faculty of Medicine, 1953

THIRD YEAR

Lorraine Betz. *Associate in Nursing*

B.S., Columbia, 1959; Graduate, Department of Nursing, Faculty of Medicine, 1959

Jean B. Gunn. *Instructor in Nursing*

B.S., Columbia, 1959; Graduate, Methodist Hospital School of Nursing, Philadelphia, 1951

Dorothy K. Hagner. *Instructor in Nursing*

B.S., Columbia, 1939; Graduate, Presbyterian Hospital School of Nursing, 1931

MATERNITY NURSING

Mary I. Crawford.* *Associate Professor of Nursing*

B.S., Michigan, 1943; M.A., Columbia, 1952; M.N., Frances Payne Bolton School of Nursing, Western Reserve, 1945

Bernice R. Derby. *Assistant Professor of Nursing*

B.S., Columbia, 1946; M.S., Western Reserve, 1958; Graduate, Department of Nursing, Faculty of Medicine, 1946

Eunice K. Macdonald.* *Assistant Professor of Nursing (Graduate Program)*

B.S., Hunter, 1957; M.P.H., Columbia, 1959; Graduate Waltham Hospital School of Nursing, 1947

Beth L. Cameron. *Associate in Nursing*

B.S., Columbia, 1941; M.A., 1948; Graduate, Department of Nursing, Faculty of Medicine, 1941

Jean W. Tease. *Associate in Nursing (Graduate Program)*

B.S., Cornell, 1951; M.S., Columbia, 1960; Graduate, Cornell University-New York Hospital School of Nursing, 1951

Mary J. Brooks. *Instructor in Nursing*

A.B., Beaver, 1945; B.S., Columbia, 1948; Graduate, Department of Nursing, Faculty of Medicine, 1948

Carmela Cavero.* *Instructor in Nursing*

B.S., Cornell, 1955; M.S., Columbia, 1960; Graduate, Cornell University-New York Hospital School of Nursing, 1955

Glenda L. Fregia.* *Instructor in Nursing*

B.S., Baylor, 1956; M.S., Columbia, 1960; Graduate, Baylor University School of Nursing, 1956

Catherine T. Pronko. *Instructor in Nursing*

B.S., Hunter, 1958; Graduate, Columbia Hospital, Pittsburgh, 1928

Dorothy E. MacK. Robinson.* *Instructor in Nursing*

B.S., Columbia, 1941; M.S., 1959; Graduate, Presbyterian Hospital School of Nursing, 1934

Elizabeth A. Schreier. *Instructor in Nursing*

B.S., New York University, 1949; Graduate, St. Francis Hospital School of Nursing, 1933

Marian Strachan. *Instructor in Nursing; Educational Director, School of Nurse-Midwifery, Maternity Center Association*

A.B., Rutgers, 1930; M.A., Columbia, 1947; B.S. Johns Hopkins Hospital School of Nursing, 1939

PEDIATRIC NURSING

Marjorie Peto. *Assistant Professor of Nursing*

B.S., Columbia, 1926; M.A., New York University, 1951; Graduate, Presbyterian Hospital School of Nursing, 1926

Dolores C. Farrell. *Associate in Nursing*

B.S., Columbia, 1952; M.A., 1957; Graduate, Cochran School of Nursing, 1947

Louisa M. Kent. *Associate in Nursing*

B.S., Connecticut College for Women, 1930; M.A., New York University, 1952; Graduate, Presbyterian Hospital School of Nursing, 1936

Carolyn P. Bedell. *Instructor in Nursing*

B.S., Johns Hopkins, 1959; Graduate, Johns Hopkins Hospital School of Nursing, 1959

Carolyn Dawson. *Instructor in Nursing*

A.B., Bates, 1955; M.A., Columbia, 1959; Graduate, Bates College Department of Nursing, 1955

* Certified Nurse Midwife.

Priscilla C. Parke. *Instructor in Nursing*

A.B., Smith, 1934; M.N., Yale School of Nursing, 1945

Ann B. Freyfogle. *Instructor in Nursing*

B.S., Columbia, 1958; Graduate, St. Luke's Hospital School of Nursing, 1947

Margaret M. Tween. *Instructor in Nursing*

B.S., Columbia, 1958; Graduate, Department of Nursing, Faculty of Medicine, 1958

PSYCHIATRIC NURSING

Edith E. Morgan. *Assistant Professor of Nursing*

B.S., Columbia, 1943; M.A., 1951; Graduate, School of Nursing, University of Maryland, 1929

Gertrude Clawson. *Instructor in Nursing*

B.S., Pittsburgh, 1949; M.A., Columbia, 1953; Graduate, Prospect Heights Hospital School of Nursing, 1936

M. Katherine Able. *Instructor in Nursing*

B.S., Duke, 1948; Graduate, Duke University School of Nursing, 1948

PUBLIC HEALTH NURSING

Constance P. Cleary. *Associate Professor of Nursing*

B.S., New York University, 1953; M.A., Columbia, 1958; Graduate, Bellevue Hospital School of Nursing, 1946

Eleanor E. Mills. *Associate in Nursing*

B.S., New York University, 1952; M.A., 1959; Graduate, Mercer Hospital School of Nursing, 1934

Nancy O. Graham. *Instructor in Nursing*

B.S., Columbia, 1956; M.A., New York University, 1960; Graduate, Department of Nursing, Faculty of Medicine, 1956

Mary Opalak. *Instructor in Nursing*

B.S., New York University, 1955; M.A., Columbia, 1958; Graduate, Bellevue Hospital School of Nursing, 1949

ORTHOPEDIC NURSING

Delphine W. Wolcott. *Assistant Professor of Nursing*

B.S., Columbia, 1926; M.A., 1946; Graduate, Presbyterian Hospital School of Nursing, 1926

Loretta Ann Verdisco. *Instructor in Nursing*

B.S., Columbia, 1958; Graduate, Department of Nursing, Faculty of Medicine, 1958

OUTPATIENT NURSING

Constance C. Hamon. *Assistant Professor of Nursing*

B.S., New York University, 1942; M.A., 1957; Graduate, Presbyterian Hospital School of Nursing, 1929

Mary D. Avalone. *Instructor in Nursing*

B.S., Columbia, 1956; Graduate, Department of Nursing, Faculty of Medicine, 1955

Barbara L. Farrell. *Instructor in Nursing*

B.S., Columbia, 1958; Graduate, Department of Nursing, Faculty of Medicine, 1958

NEUROLOGIC NURSING

Martha E. Haber. *Assistant Professor of Nursing*

B.S., Columbia, 1949; M.A., 1959; Graduate, Department of Nursing, Faculty of Medicine, 1949

Nora Maliepaard. *Instructor in Nursing*

B.S., California, 1958; Graduate, University of California School of Nursing, 1958

Joyce E. Bittner. *Recreational Director*
B.S., Florida, 1954; M.A., Columbia, 1956

Florence L. Vanderbilt. *Director of Residence and Health*
B.S., Columbia, 1936; Graduate, Presbyterian Hospital School of Nursing, 1927

► OFFICERS OF INSTRUCTION FROM OTHER DIVISIONS
OF THE FACULTY OF MEDICINE

THE BASIC MEDICAL SCIENCES

Wilfred M. Copenhaver, Ph.D. *Professor of Anatomy*

William L. Nastuk, Ph.D. *Professor of Physiology*

Walter S. Root, Ph.D. *Professor of Physiology*

Harry M. Rose, M.D. *John E. Borne Professor of Microbiology*

Paula E. Zimmering, Ph.D. *Research Associate in Biochemistry*

MEDICINE AND SURGERY

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George F. Crikelair, M.D. *Professor of Clinical Surgery*

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Frederic P. Herter, M.D. *Assistant Professor of Clinical Surgery*

Ferdinand F. McAllister, M.D. *Assistant Professor of Clinical Surgery*

Ralph J. Veenema, M.D. *Assistant Professor of Clinical Urology*

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NEUROLOGY

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D. Anthony D'Esopo, M.D. *Professor of Clinical Obstetrics and Gynecology*

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W. Duane Todd, M.D. *Instructor in Obstetrics and Gynecology*

ORTHOPEDICS

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Harrison L. McLaughlin, M.D. *Professor of Clinical Orthopedic Surgery*

PEDIATRICS

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Ruth C. Harris, M.D. *Assistant Professor of Pediatrics*

Sylvia P. Griffiths, M.D. *Assistant Professor of Pediatrics*

Thomas J. Moore, M.D. *Assistant in Pediatrics*

PSYCHIATRY

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William A. Horwitz, M.D. *Professor of Clinical Psychiatry*

Phillip Polatin, M.D. *Professor of Clinical Psychiatry*

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Helen C. Hedin, M.D. *Instructor in Psychiatry*

Robert Silbert, M.D. *Instructor in Psychiatry*

David S. Sanders, M.D. *Instructor in Psychiatry*

Bernard D. Schoenberg, M.D. *Instructor in Psychiatry*

PUBLIC HEALTH

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George Rosen, M.D. *Professor of Public Health Education*

W. Henry Sebrell, Jr., M.D. *Robert R. Williams Professor of Public Health Nutrition*

Margaret W. Barnard, M.D., Dr.P.H. *Associate Professor of Public Health Practice*

Jack Elinson, Ph.D. *Associate Professor of Administrative Medicine*
 Alvin R. Jacobson, Ph.D. *Associate Professor of Sanitary Science*
 Irving S. Shapiro, Ph.D. *Adjunct Assistant Professor of Public Health Education*
 John L. Columbotos, Ph.D. *Assistant in Administrative Medicine*
 Donald G. Dickson, M.D., M.P.H. *Lecturer; Commissioner, Rockland County Department of Health*
 William J. Dougherty, M.D., *Lecturer; Director, Division of Preventable Disease and Constructive Health, New Jersey State Department of Health*

► STANDING COMMITTEES

ADMISSIONS	Associate Dean Elizabeth S. Gill (<i>chairman</i>); Professors Harriet M. Deleuran, Helen F. Pettit; Misses Joanne L. Heinly and Florence L. Vanderbilt; Dean H. Houston Merritt and Associate Dean Aura E. Severinghaus (<i>ex officiis</i>)
NURSING EDUCATION	Associate Dean Elizabeth S. Gill (<i>chairman</i>); Professors Stanley E. Bradley, Mary I. Crawford, George H. Humphreys II, Lawrence C. Kolb, Marjorie Peto, Helen F. Pettit, Dorothy E. Reilly, and Howard C. Taylor; Associate Dean Ray E. Trussell; Associate Dean Aura E. Severinghaus (<i>ex officio</i>)
SCHOLARSHIP	Associate Dean Elizabeth S. Gill (<i>chairman</i>); Professors Harriet M. Deleuran and Helen F. Pettit; Misses Florence L. Vanderbilt and Joyce E. Bittner; Associate Dean Aura E. Severinghaus (<i>ex officio</i>)

► ADVISORY COMMITTEE FOR THE GRADUATE PROGRAM IN MATERNITY NURSING

Associate Dean Elizabeth S. Gill (*chairman*); Professors Mary I. Crawford, Eunice K. Macdonald, Helen F. Pettit, Marian Strachan, Howard C. Taylor, and Susan W. Williamson; Associate Dean Ray E. Trussell; and Dean H. Houston Merritt (*ex officio*)

► ADMINISTRATIVE OFFICERS

Inez E. Klinck, A.B. *Administrative Assistant to the Dean*
 Bernis D. Moss, Jr., M.S. *Business Officer*
 Eileen H. Daly. *Assistant to the Registrar of the University*
 Catherine MacLean. *Departmental Secretary*

Affiliated Institutions and Agencies

PRESBYTERIAN HOSPITAL

Director of Nursing: Elizabeth S. Gill

Director of Nursing Service: Marion D. Cleveland

Assistant Directors of Nursing Service: Mary I. Crawford, Bernice R. Derby, Martha E. Haber, Constance C. Hamon, A. Beatrice Langmuir, Marjorie Peto, Helen F. Pettit, Helen L. Scott, Cora Louise Shaw, Margaret Wells, Mary E. Windrow, Delphine W. Wolcott, Phyllis M. Young

NEW YORK STATE PSYCHIATRIC INSTITUTE

Director of Nursing: Edith E. Morgan

Assistant Director of Nursing: Gertrude Clawson

VISITING NURSE SERVICE OF NEW YORK, INC.

Executive Director: Anna Fillmore

Director of Education: Mary McCall Tyrie

VISITING NURSE ASSOCIATION OF BROOKLYN, INC.

Executive Director: Eleanor W. Mole

Education Director: Katherine M. Disosway

BUREAU OF PUBLIC HEALTH NURSING, NEW YORK CITY DEPARTMENT OF HEALTH

Acting Director: Grace McFadden

Assistant Director (in charge of education): Leah Hoenig

MATERNITY CENTER ASSOCIATION

Director: Hazel Corbin

The School of Nursing

In 1935 the College of Physicians and Surgeons of Columbia University assumed the responsibility for the educational program of the School of Nursing of the Presbyterian Hospital, and in 1937 the University established the Department of Nursing of the Faculty of Medicine.

The School of Nursing was founded in 1892 by the Board of Managers of the Presbyterian Hospital. Anna C. Maxwell, R.N., M.A., the first director of the School, established the plans for administration and instruction and guided them for thirty years. Her contribution has had a lasting effect upon the growth of the profession to its present dignity and importance. Nearly four thousand nurses have been graduated since the School was opened. The School is nonsectarian.

The hospital's interest in teaching had been further demonstrated by affording clinical education for the medical students of the College of Physicians and Surgeons of Columbia University. This led to a permanent affiliation between the two institutions in 1921. The establishment of the Department of Nursing marked another step in the integration of the University and the hospitals at the Columbia-Presbyterian Medical Center.

The Department of Nursing is accredited by the National League for Nursing, including accreditation for public health nursing, and is a member of the Department of Baccalaureate and Higher Degree Programs of the National League for Nursing.

THE COLUMBIA-PRESBYTERIAN MEDICAL CENTER

The Medical Center, at 168th Street and Broadway, overlooking the Hudson River, was opened in 1928. The site was the gift of Mrs. Stephen V. Harkness and her son, Edward S. Harkness, both of whom were generous contributors to the project. As its name implies, the Medical Center is composed of Columbia University's medical divisions—the College of Physicians and Surgeons, the School of Dental and Oral Surgery, the School of Public Health and Administrative Medicine, and the Department of Nursing—and of a number of specialized hospitals, chief of which is the Presbyterian Hospital and its subdivisions—the Squier Urological Clinic, the Institute of Ophthalmology, Harkness Pavilion (for private patients), Sloane Hospital for Women, Vanderbilt Clinic (the outpatient department), Babies Hospital, Neurological Institute, the New York Orthopaedic Hospital, and the Mary Harkness Convalescent Home. Francis Delafield Hospital (for the study and treatment of cancer), the New York State Psychiatric Institute, and the Washington Heights Health and Teaching Center (headquarters of an administrative district of the New York City Department of Health) are also part of the Medical Center group. See the map on the back cover and the photograph on the facing page.

The parts of the Medical Center which the nursing student comes to know most intimately are the Presbyterian Hospital and its subdivisions. All have histories and

enviable professional reputations dating back many years before they merged to form the center.

The hospital was founded in 1868 with the aim of "affording medical and surgical aid and nursing care to sick or disabled persons of every creed, nationality, and color," and has, throughout its history, fostered constant study for improved methods of health care. It is housed in a twenty-two story building which is divided into floor units of between sixty and seventy beds. The clinical facilities and opportunities for learning are unsurpassed.

Two other divisions of the Medical Center—the New York State Psychiatric Institute and the School of Public Health and Administrative Medicine—may be especially mentioned for their particular contribution to the instruction offered by the Department of Nursing. Members of the Institute staff and faculty members of the School take an active part in teaching, respectively, the courses in psychiatric nursing and in public health in the baccalaureate program in nursing. The School of Public Health and Administrative Medicine also cooperates with the Department of Nursing in offering the Graduate Program in Maternity Nursing.

Nursing students also become familiar with the University's main campus at Broadway and 116th Street and share in all the resources of the University—social, intellectual, and recreational.

PUBLIC HEALTH AGENCIES

Through the programs and practices of such agencies as the Visiting Nurse Service of New York, the Visiting Nurse Association of Brooklyn, and the Bureau of Public Health Nursing of the Department of Health of the City of New York, students have the opportunity to work with patients and their families in their own homes and to participate with other community agencies in planning for comprehensive care.

MATERNITY CENTER ASSOCIATION

Maternity Center Association is a voluntary organization which is continually working toward the improvement of maternity care. As part of its program it has given the Department of Nursing active assistance in the development of the Graduate Program in Maternity Nursing, and provides the students with experience in parent education and in nurse-midwifery. The program is described on pages 43-44 of this bulletin.

LIBRARIES

In the Medical Library, which is on the third floor of the College of Physicians and Surgeons, there is a large number of reference books and recent periodicals. Students in the Department of Nursing use this library as their main source of reference. They also use the Tod Memorial Library in Anna C. Maxwell Hall. Latest editions of approved reference books are supplied from the Anna C. Maxwell Reference Library Fund. Supplementary library facilities in the various clinical specialties are available for student use.

The vast resources of the libraries on the Morningside campus, at 116th Street and Broadway, are also available to students. They not only supplement resources in the Medical Library, but allow the student to pursue any field of interest.

The Baccalaureate Program

PROGRAM OF STUDY

ADMISSION

COURSES OF INSTRUCTION

SUMMARY OF THE COURSES

REGISTRATION AND EXPENSES

DISTRIBUTION OF STUDENTS

ACADEMIC CALENDAR



NURSE-PATIENT RELATIONSHIPS ARE MOST SATISFYING

Program of Study

The basic baccalaureate nursing program at Columbia University prepares qualified young women to practice nursing effectively in hospitals, homes, and in the various types of health agencies. Nursing is interpreted as including health promotion through education, care of the sick and injured, and their restoration to a useful place in society.

The program of study includes instruction in the basic sciences and nutrition; theory and supervised experiences in the major clinical areas of medical, surgical, maternity, orthopedic, pediatric, psychiatric, and public health nursing. This is undertaken in the context of comprehensive patient care and includes theory and supervised practice related to the assumption of a leadership role.

Completion of the program requires three academic years and two summer sessions and leads to the award of the degree of Bachelor of Science. Those who enter with an acceptable baccalaureate degree complete the program in two academic years and two summer sessions (see page 21). Special conferences, seminars, assignments, and clinical experiences are provided which will assure development of their potential for making a major contribution to the nursing profession.

Throughout her nursing education, the student is encouraged and provided the opportunity to become aware of the social and health needs of individuals and the community, their effect upon the trends in national thinking, as well as the present and possible contribution of nursing to human welfare.

Opportunity is provided for the continued development of the student physically, mentally, emotionally, and culturally, with emphasis on her interests, needs, and responsibilities as a person, a member of the nursing profession, and as a citizen.

The student is introduced to the various opportunities in nursing and is helped to select for further study and experience that field of nursing in which she will find her greatest satisfaction and to which she can make her optimum contribution.

PHILOSOPHY OF NURSING EDUCATION

Education on a baccalaureate level, which includes basic preparation for professional nursing, must afford the student the maximum opportunity to develop as a person, with a broad understanding of man and his relationship to the society in which he lives, and to acquire the professional competence which will enable her to assume the responsibilities inherent in her profession.

It is the belief of the Department of Nursing that pre-nursing education, acquired in a liberal arts setting and enhanced by participation in a diversified co-curricular program, provides a sound base on which professional education can be built. In keeping with the broad educational philosophy of Columbia University, the Department seeks to develop intellectual strength in the student, a strength which will best enable her to develop in mind and spirit. It is challenging, and of concern, to realize that however vast an array of facts is acquired by the student, this acquisition can be of only temporary worth. In nursing, as in other professions, newer knowledge

effects ever changing concepts which rapidly outmode current practice. The student who attains intellectual strength, however, possesses the power to observe carefully, organize ideas, analyze critically, perceive new possibilities, and evaluate objectively. These abilities enable her to assume responsibility for basic nursing related to comprehensive patient care. Through this approach to learning and professional practice, the student is prepared to continue her own education, enlarge her store of knowledge, and achieve continued personal and professional satisfaction.

The Department of Nursing further believes that students with advanced formal education and experience, who evidence ability in the program, should be afforded the opportunity to progress as rapidly as is consistent with sound professional preparation.

A CAREER IN NURSING

The young woman today finds a bewildering number of possibilities open to her as she considers her future.

The spotlight of public opinion is strongly focused on nursing as the need for the services of skilled, intelligent professional nurses continues. Estimates of the probable number required for the maintenance of health services throughout the nation, in civilian and veterans hospitals, in urban and rural communities, and in the Army and Navy Nurse Corps, call for many more professional nurses than are available at present. This demand is increased by the broadening concepts of world leadership that our country is being asked to assume.

A professional education in nursing affords a broad understanding of health needs as they relate to individuals and groups, as well as an appreciation of the role of the nursing profession. This preparation is personally valuable to the nurse, enabling her to make major contributions to the planning of nursing and health care in a great variety of situations. Graduate nurses have proven themselves to be valuable members of governing boards of many organizations in communities all over the world.

PREPARATION FOR ENTRANCE

The program in nursing offers excellent preparation for the countless opportunities which are open to registered professional nurses in different fields.

In the institutional field a major challenge is offered to nurses who are able to give expert bedside care. Nurses with particular interest and ability in guiding others in giving patient care will find opportunities to fill positions of "team leaders." With additional experience and preparation, head nurse, supervisory, and teaching positions are open to those who qualify. There are many opportunities for those who wish to specialize in various clinical branches of nursing, such as pediatrics, obstetrics, psychiatry, or orthopedics.

Public health nursing offers a large and growing field with a diversity of activities which affect all groups of society. It includes visiting nursing, school and industrial nursing, and nursing which is related to educational and preventive programs.

There are opportunities for important service and influence in a number of government services—the Veterans Administration, the Public Health Service, and the Army and Navy Nurse Corps.

Whether practicing her profession in the hospital, the home, the industrial plant,

or the rural community, the modern nurse occupies a position of responsibility and honor. She is constantly in contact with the medical practitioner, the public health officer, the industrial physician, and the social worker, as well as with governmental and voluntary agencies and others concerned with the health of the community. American nurses have a large share of responsibility in restoring health and welfare services in many parts of the world. The opportunities for service increase rather than diminish, both at home and abroad.

The candidate for nursing who is serious in her interest and plans should evaluate her qualifications candidly and thoroughly. A sincere interest in people and their welfare is essential in all fields of nursing. Preparation in liberal arts and broadening cultural experiences are important.

Academic requirements are outlined on page 21. The School will welcome an opportunity to guide its candidates well in advance of the date of entrance.

It is highly desirable to secure some experience as a volunteer in a hospital before entering a school of nursing. There are many opportunities for trying out practical "work-samples" of nursing and securing some contact with patients, even at an elementary level. Such a procedure furnishes an excellent laboratory for proving one's fitness for nursing and the seriousness of one's interest in the problems of health and welfare.

QUALIFICATION FOR REGISTERED PROFESSIONAL NURSE (R.N.)

In most states it is necessary for a nurse to be licensed in order to practice nursing. Graduates of the Department of Nursing are eligible for licensure in all states. Licensure is obtained through satisfactory performance on the licensing examination prescribed by the state. The nurse then registers her license and is known as a Registered Nurse (R.N.). Licensure in one state entitles a qualified holder to licensure by endorsement in other states.

GRADUATE STUDY

A course in maternity nursing, leading to a Master of Science degree, is offered by the Department of Nursing in cooperation with the Department of Obstetrics and Gynecology, the School of Public Health and Administrative Medicine, Presbyterian Hospital, and the Maternity Center Association, and is described on pages 43-44.

The Division of Nursing Education of Teachers College, Columbia University, offers to graduate nurses the opportunity of preparing themselves further for work in the nursing school, hospital, and public health fields. These programs lead to a Master's degree.

The Alumnae Association of the Columbia University-Presbyterian Hospital School of Nursing has two endowment funds for scholarships for advanced study in nursing education which may be pursued in many leading universities throughout the country.



SEMINAR IN MEDICAL AND SURGICAL NURSING

THE MEDICAL LIBRARY IS SHARED BY ALL STUDENTS OF THE HEALTH PROFESSIONS



Admission

Candidates for admission must be between the ages of eighteen and thirty-five and must present a record of good health. They are admitted once a year, in September, under one of two classifications: Group A or Group B. All are candidates for the degree of Bachelor of Science.

GROUP A

Students who hold a baccalaureate degree acceptable to Columbia University and to the New York State Education Department may register with advanced time credit and complete the program in two academic years and two summer sessions.

GROUP B

In Group B are students who have completed at least two years of study in a college approved by Columbia University and the New York State Education Department. They complete the program in three academic years and two summer sessions. The sixty points in liberal arts required for admission on this basis should include the following:

	<i>Points</i>
<i>Required:</i> Biology, chemistry,* or physics	8
English	6
Psychology	6
Sociology	6
	26

Elective: Language, history, mathematics, economics, philosophy or religion,† fine arts, or supplementary courses in the required fields. 34

Credit will not be granted for commercial, home economics, physical education, or vocational courses, or for any one-point course.

Special consideration on an individual basis will be given to outstanding students who do not meet the requirements outlined under Groups A and B, and to students transferring from another school of nursing.

The University will be glad to advise applicants regarding their courses of study. If this advice is to be helpful, it should be sought at the earliest possible date.

ADMISSION PROCEDURE

An applicant for admission must file application on a form supplied by the Department of Nursing. The completed form must be accompanied by the application fee: a

* Chemistry is required if it has not been taken in high school.

† A maximum of six points may be allowed for courses in religion or speech.

check or money order for \$15 made payable to Columbia University. This fee helps to cover the cost of processing the application; it is therefore not returnable, nor is it credited toward tuition.

It is desirable to file application from one to two years in advance of the date of entrance. After the completed form is received, the applicant's academic record will be secured by the Department of Nursing.

An appointment for a personal interview, aptitude tests, and a physical examination by the school physician will be made by the Department of Nursing. An applicant who lives at too great a distance to arrange for the preliminary interview and examination may be accepted on condition that she meet all requirements at the time of admission. Failure to do so will necessitate immediate withdrawal. She should, therefore, come financially prepared to return home if necessary.

The admission of married students is a matter for individual consideration.

Instructions about uniforms and equipment will be sent following final acceptance.

Application blanks and further information about the course in nursing may be secured from the Department of Nursing, Faculty of Medicine, Columbia University, 622 West 168th Street, New York 32, N.Y.

Courses of Instruction

The University reserves the right to withdraw or modify the courses of instruction or to change the instructors as may be necessary.

► PROGRAM FOR STUDENTS IN GROUP B

FIRST YEAR: AUTUMN TERM

Orientation.	0 pts
Professors Deleuran, Gill, Pettit; Miss Vanderbilt; and associates. Orientation acquaints the student with the academic program and facilities of the School and with the community. The program is carefully developed in cooperation with the Student Government Association, which assumes an active role in introducing the new student to community and professional living.	
Nursing 45.	14 pts
Professors Deleuran, Gill, Jones, Pettit, Windrow; Misses Bosanko, Heinly, Kolditz, Law, Maines, Martin; members of the Departments of Anatomy, Biochemistry, Medicine, Microbiology, Physiology, Psychiatry, Public Health, and Surgery. The student begins the practice of nursing. Through an integrated presentation of the biological and physical sciences, she studies normal body structure and function, the effects of illness on the human organism, and the reasons for various kinds of nursing care. She is introduced to the epidemiological factors of disease prevention and control, to the community resources available, and to rehabilitation measures. Beginning skills used in giving general physical care are taught and practiced. The student learns to observe the patient, to make judgments about his needs, to communicate effectively with him. Through the problem-solving approach, she identifies the needs of the patient and combines what she has previously learned of sociology and psychology with her new knowledge in meeting commonly encountered responses to illness. Emphasis throughout is on the meaning of illness to the patient and the interrelatedness of personality development, family structure, and community, cultural, and spiritual factors in his behavioral responses. Concurrent supervised practice in the care of patients and post-experience conferences relate the student's developing knowledge of principles to practice.	

Physical Education 35.	0 pts
Miss Bittner. Principles of correct alignment for posture and activity, relaxation techniques, swimming and life-saving methods, artificial respiration, and folk and square dancing. Height-weight relationships, flexibility, and ease in movement are emphasized.	

FIRST YEAR: SPRING TERM

Medical-Surgical Nursing 46.	14 pts
Professors Deleuran, Jones, Pettit, and Windrow; Misses Bosanko, Heinly, Kolditz, Law, Maines, and Martin; Mrs. Gatchell; members of the Departments of Anatomy, Biochemistry, Medicine, Microbiology, Physiology, Psychiatry, Public Health, and Surgery. A continuation of <i>Nursing 45</i> , which increases the student's competence in the comprehensive care of the patient with a medical or surgical problem. Analysis of special nursing needs of patients with particular diseases and of the measures employed to meet them. The principles and methods of patient-teaching. Supervised practice includes observation in the outpatient department and the recovery room.	

Physical Education 36.

0 pts

A continuation of *Physical Education 35.***SECOND YEAR****Nursing 56. Special aspects of surgical nursing.**

4 pts

Professors Jones and Windrow; Misses Johnson, Mancinelli, McCormick, Neubrand, and Trebilcock; members of the Departments of Anesthesiology, Obstetrics and Gynecology, Psychiatry, Surgery, and Urology.

The student integrates the knowledge and skill necessary to give comprehensive care to the surgical patient during the preoperative, the operative, and the immediate postoperative periods, during convalescence, and during preparation for post-hospital care. The special needs of patients at various age levels, first-aid measures in surgical emergencies, and trends in providing nursing care are emphasized. Supervised practice is provided in the operating room and recovery room, and on the gynecological, urological, and general surgical services.

Nursing 58. Patient care during the 24-hour period.

4 pts

Professors Jones and Windrow; Misses Arnold, Johnson, Manning, Neubrand, Towey, and Traver; members of the Departments of Medicine and Psychiatry.

The various needs of patients during the twenty-four hour period and the planning and administration of all phases of their nursing care. Skill in observation and judgment in the clinical situation is a major goal. Emphasis is placed on patient-family teaching in the total and continuing care of the patient and the role of many disciplines in providing for his care. Supervised practice of patient care during the day, evening, and night period is provided in the general medical-surgical setting.

Maternity Nursing 60.

4 pts

Professor Crawford; Misses Cameron and Fregia; members of the Department of Obstetrics and Gynecology.

The principles and practice necessary to provide safe and satisfying nursing care throughout the maternity cycle. The student explores the educational, emotional, physical, and social needs of individual mothers and their families and learns how best to meet them. Guidance is given in the use of initiative and judgment in the application of basic principles of maternity and child care to family situations, and in the use of available community resources.

Pediatric Nursing 61.

4 pts

Professor Peto; Misses Bedell, Dawson, Farrell, and Kent; Mrs. Gatchell; members of the Department of Pediatrics.

Growth and development patterns of children; recognition and appreciation of the needs of the sick child; the effect of illness on the child and his family. Skill in meeting the child's needs in health maintenance and during various phases of illness is developed. Through conferences and supervised practice, the student uses the problem-solving approach to meet the needs of the child in each new situation.

THIRD YEAR**Psychiatric Nursing 65.**

4 pts

Professors Cleary, Jones, and Morgan; Misses Able and Clawson; members of the Department of Psychiatry and the New York State Psychiatric Institute.

Through supervised practice, seminars, group discussions, and lectures, the constitutional and psychosocial determinants of behavior in health and disease are studied in preparation for comprehensive nursing care of the psychiatric patient. The student participates in multidisciplinary conferences for the planning of patient care and in patient government meetings. She studies and evaluates the relationship of the individual patient to the patient group in therapeutic community settings. Planned activities during visiting hours, special assignments, and field trips increase her understanding of family interaction, of the role of the patient as a member of the family, and of community mental health problems, resources, and programs.

Outpatient Nursing 70.

2 pts

Professor Hamon and Mrs. Avallone.

The needs of the patient and his family for health care in the home and in the community; the role of the family in providing for continuity of care; the use of community resources in the process of referral. As she cares for patients in the clinic, the student broadens her understanding of the socio-economic, cultural, and religious backgrounds of the persons who seek help.

Public Health Nursing 75. 5 pts

Professor Cleary; Misses Graham, Mills, and Opalak; lecturers from the School of Public Health and Administrative Medicine, the New York City Department of Health, the Visiting Nurse Association of Brooklyn, Inc., and the Visiting Nurse Service of New York.

In the broad field of public health and public health nursing, the student learns how the concepts of disease prevention, health maintenance, and rehabilitation are utilized in practice. She also studies public health history and the development of public health programs and organizations. In supervised field work, she plans for the care of the patient, and cooperates with persons from other disciplines who are concerned with his welfare and that of his family.

Nursing 76. Continuity of patient care. 2 pts

Professors Cleary, Jones, and Wolcott; Misses Betz, Dawson, Farrell, and Maliepaard.

Planning for and meeting the immediate and long-term needs of patients whose problems necessitate a comprehensive approach. Concurrently with field practice in public health, students follow particular patients within the hospital setting analogous to their public health experience. With other members of the health team and with the family and the patient, the student makes plans to meet the patient's needs. Concurrent seminars provide the benefits of group thinking.

Nursing 85. Selected long-term illnesses. 4 pts

Professors Cleary, Haber, Jones, and Wolcott; Misses Gunn, Hagner, Maliepaard, and Verdisco; members of the Departments of Neurology, Orthopedic Surgery, Otolaryngology, Ophthalmology, and Physical Medicine and Rehabilitation.

The care of patients with illnesses which are often disrupting and emotionally and physically traumatic to both the patient and his family. In the outpatient department, the student observes the approach to comprehensive care which includes preventive and restorative measures, and the continuity of care in the patient's home. Lectures, visual-aid presentations, demonstrations, seminars, case presentations, and discussions.

26 THE BACCALAUREATE PROGRAM

The student's knowledge of sociology, psychology, biology, and chemistry is applied to nursing care. Through wide reading, the student sees how all learning contributes to the care of the patient.

Physical Education 35 and 36.

Medical-Surgical Nursing 46.

Nursing 46. Special aspects of surgical nursing. 2 pts

Professors Cleary, Jones, and Windrow; Misses Bosanko, Mancinelli, McCormick, and Trebilcock; members of the Departments of Obstetrics and Gynecology, Psychiatry, Surgery, and Urology.

The pre-admission period, preoperative hospitalization, operative period, immediate postoperative period, convalescence, and preparation for post-hospital care. The modifications of care needed by gynecological and urological patients; the particular needs of older patients; the management of surgical emergencies; the psychological aspects and implications of surgery; and the contributions offered by public health facilities. Through selected patient-care assignments, supervised practice is provided in each of the clinical areas.

Maternity Nursing 60.

SECOND YEAR

Pediatric Nursing 61. 5 pts

Includes the principles of orthopedic nursing.

Psychiatric Nursing 65. 5 pts

Public Health Nursing 75

Summary of the Program

PROGRAM FOR STUDENTS IN GROUP B

FIRST YEAR	<i>Autumn Term:</i> Orientation Nursing 45 Physical Education 35	<i>Spring Term:</i> Medical-Surgical Nursing 46 Physical Education 36
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Christmas vacation: one week. *Summer vacation:* four weeks. Supervised clinical practice during the autumn term averages 12 hours a week; during the spring term, 24 hours a week.

SECOND YEAR	Nursing 56 Nursing 58	Maternity Nursing 60 Pediatric Nursing 61
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THIRD YEAR	Psychiatric Nursing 65 Outpatient Nursing 70 Public Health Nursing 75	Nursing 76 Nursing 85 Nursing 90
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Each course meets for one twelve-week quarter. Supervised clinical practice is 28 hours a week.

PROGRAM FOR STUDENTS IN GROUP A

FIRST YEAR	<i>Autumn Term:</i> Orientation Nursing 45 Seminar 45 Physical Education 35	<i>Spring Term:</i> Medical-Surgical Nursing 46 Nursing 46 <i>Summer Period:</i> Maternity Nursing 60
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Summer vacation: four weeks. Supervised clinical practice during the autumn term averages 12 hours a week; during the spring term, 24 hours a week; during the twelve-week summer period, 28 hours a week.

SECOND YEAR	<i>Autumn Term:</i> Pediatric Nursing 61 Psychiatric Nursing 65	<i>Spring Term:</i> Public Health Nursing 75 Medical-Surgical Nursing 75 <i>Summer Period:</i> Nursing 90A
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Each course is twelve weeks long. Supervised practice averages 28 hours a week.



OFF FOR A DAY OF FIELD WORK IN PUBLIC HEALTH NURSING

Registration and Expenses

► REGISTRATION

Each student must register in person during the registration period. Registration consists of filling out forms and paying the fees (see below).

For the academic year 1961-1962, first-year students register on September 6, 1961. Second- and third-year students register in May, 1961. Specific times and place of registration will be announced by the Admissions Office.

REGULATIONS

Each person whose registration has been completed will be considered a student of the University during the term for which she is registered unless her connection with the University is officially severed by withdrawal or otherwise. No student registered in any school or college of the University shall at the same time be registered in any other school or college, either of Columbia University or of any other institution, without the specific authorization of the dean or director of the school or college of the University in which she is first registered.

The privileges of the University are not available to any student until she has completed her registration. Since, under the University statutes, payment of fees is part of registration, no student's registration is complete until her fees have been paid. No student is permitted to attend any University course for which she is not officially registered unless she has been granted auditing privileges. No student may register after the stated period unless she obtains the written consent of the Associate Dean.

ATTENDANCE AND LENGTH OF RESIDENCE

No degree or certificate will be granted to a student who has not registered for and attended at the University courses of instruction equivalent to at least one academic year of full-time work.

Students are held accountable for absences incurred owing to late enrollment and are expected to attend punctually each class or laboratory exercise in each course. For credit toward the certificate or degree, regular attendance is required in addition to the proficiency attested by classwork and examination.

Students whose religious duties conflict at any time with academic requirements should apply to the Associate Dean for an equitable solution.

A student in good standing may, for special reasons, be granted a leave of absence by the Associate Dean. The length of the absence depends upon the particular courses the student is taking at the time of the leave and when these courses will be offered again.

GRADES

The grading system is as follows: A+ or A, excellent; A- or B+, good; B or B-, average, C+ or C, fair; C-, poor but passing; F, failure. Failure to obtain a passing grade will be sufficient reason for asking a student to repeat the course or to resign. A student who fails to receive a satisfactory grade in any course will be notified, and will be required, upon the professor's approval, to take a special examination for which there is a fee of \$10.

Students registered in Group A of the basic baccalaureate program and students in the graduate program must maintain a B average.

The mark of ABS (authorized absence from an examination) is given by the instructor only with the approval of the Office of the Associate Dean. An application fee of \$10 is charged for each special examination to remove the mark of ABS.

The mark of INC (incomplete) is given at the sole discretion of the Office of the Associate Dean and only under special circumstances. The student must remove the INC by completing a special work assignment by a specified date.

In the graduate program the mark of INC is given only to a student who has met all the requirements of a course except the writing of a paper or papers, this partial failure being deemed the result of causes beyond the student's control. Unless removed by completion of the required work within one year, INC is automatically changed to F.

MARRIAGE

A student contemplating marriage during her basic baccalaureate program in nursing should consider seriously whether or not she is able to meet the demands of both responsibilities. Before any definite plans are made, she should discuss the matter with the Office of the Associate Dean.

Permission to continue in the nursing program after marriage is granted on an individual basis, and the student's level of accomplishment, her health, and her contribution to the over-all program of the School are taken into consideration. Married students in the Third-Year Class and Group A of the Second-Year Class may request permission to live outside the residence. Permission is granted on an individual basis and is dependent upon the student's meeting certain specific qualifications which are stated in the marriage policies.

ACADEMIC DISCIPLINE

The continuance of each student upon the rolls of the University, the receipt by her of academic credits, her graduation, and the conferring of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the University, which is free to cancel her registration at any time on any grounds which it deems proper. The disciplinary authority of the University is vested in the President and, subject to his reserved powers, in the dean of each faculty and the director of the work of each administrative board.

► FEES

The following fees, prescribed by statute, are subject to change at the discretion of the Trustees:

COMPREHENSIVE FEE

For all B.S. candidates, per year	\$100.00
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TUITION*Group A:*

First year	\$550.00
Second year	500.00

Group B:

First, second, and third years, per year	350.00
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APPLICATION FEES AND LATE FEES

Application for admission	\$15.00
Application for each special examination	10.00
Renewal of application for a degree (see below)	1.00
Late registration	6.00
Late application, or late renewal of application, for a degree	5.00

PAYMENT OF FEES

Fees are to be paid in the form of a check or money order made payable to Columbia University.

First-year students and students in Group A registering for their second year must pay tuition and the comprehensive fee in September as part of registration. Students in Group B registering for their second and third years must pay the comprehensive fee as part of their registration in May and must pay the tuition by the date on which classes begin in September.

If fees are paid after the due date, they will not be reduced and a late fee of \$6.00 will be imposed.

WITHDRAWAL AND ADJUSTMENT OF FEES

A student in good academic standing who is not subject to discipline will always be given an honorable discharge if she wishes to withdraw from the University. If she is under twenty-one years of age, her parent or guardian must first give consent in writing to the Associate Dean.

The comprehensive fee, application fees, special fees, and late fees are not refundable. If a student withdraws from the School, a partial return of the tuition may be authorized by the Registrar. When a rebate is allowed, it will be reckoned from the day upon which the Registrar receives written notice from the student.

APPLICATION OR RENEWAL OF APPLICATION FOR A DEGREE

A candidate for a degree must file application by the date specified in the Academic Calendar. If the degree is not earned by the next regular time for the issuance of diplomas subsequent to the date of filing, the application may be renewed for a fee of \$1.00 each time that the candidate chooses to come up for consideration. Degrees are awarded three times a year—in October, February, and June.

► ESTIMATED EXPENSES

Throughout the course, students are allowed maintenance in Maxwell Hall. Uniforms (navy blue) are purchased by the student and are used during the first term and during the course in public health nursing. These and other items such as books cost approximately \$100. Expenses associated with the orientation program and incidental items such as key deposits total about \$10. School uniforms are provided for the remainder of the nursing course. Class dues of \$5.00 per year (determined by the Student Government Association) and expenses incident to graduation, including yearbook and alumnae association dues, total approximately \$30.

► FINANCIAL AID

A number of sources of financial aid are available. Further information and application forms may be obtained from the Office of the Associate Dean. The amounts of the stipends listed below are approximate.

SCHOLARSHIPS OF THE ALUMNAE ASSOCIATION OF COLUMBIA UNIVERSITY-PRESBYTERIAN HOSPITAL SCHOOL OF NURSING

Ten scholarships of \$150 each and five scholarships of \$100 each, awarded annually.

DEAN SAGE SCHOLARSHIP

One scholarship of \$700, given in memory of Mr. Dean Sage, late president of the Presbyterian Hospital Board of Trustees, and awarded annually to an entering student.

FREDERICK STURGES, JR., SCHOLARSHIPS

Two scholarships of \$500 each, awarded to entering students.

JANE MCALLISTER SCHOLARSHIP

A stipend of \$450, used to help pay the tuition of two or more second-year students.

MARGARET E. CONRAD SCHOLARSHIPS

Two scholarships, one of \$850 and the other of \$350, awarded annually.

SAMUEL J. MORITZ SCHOLARSHIP

One scholarship of \$500.

MARY SENCINDIVER SPECHT SCHOLARSHIP

One scholarship of \$100, awarded annually to an entering student.

VIVIAN B. ALLEN SCHOLARSHIP

A stipend of \$1,450, awarded annually as two or more tuition scholarships.

ANNUAL BENEFIT SCHOLARSHIP FUND

The proceeds of a benefit sponsored by a committee of parents, faculty wives, and friends of the Department of Nursing. Last year the fund amounted to \$6,000 and was apportioned as tuition scholarships.

LOANS

A student loan fund is maintained from which students may borrow reasonable amounts without interest. The Wray Loan Fund, for third-year students, was established in 1958. Further information may be obtained from the Office of the Associate Dean.

STUDENT EMPLOYMENT

A limited number of students in good standing are given appointments for child care, clerical assistance in the Tod Memorial Library, and general typing. It should be understood, however, that at best this earning can only help meet incidental expenses.

► LIVING ARRANGEMENTS

Anna C. Maxwell Hall, 179 Fort Washington Avenue, the residence of the School of Nursing, overlooks the Hudson River, and connects by underground passage with the other buildings of the Medical Center. Reception rooms, dining room, snack bar, library, and recreational facilities are located in this building. Each student has a single room with running water. Every effort has been made to create a homelike atmosphere and provide wholesome living conditions.

All students under the Department of Nursing are allowed maintenance in the residence hall during the course of study.

► STUDENT HEALTH SERVICE

Emphasis is placed on the importance of healthful living and the particular significance of this to the nurse as a person and as a health teacher. Through individual and group conferences, as well as student committees of the Student Government Association, health practices and student activities are carefully considered. Every effort is made to maintain a positive approach to the individual's responsibility for her own well-being, both emotional and physical.

The health of the student is closely supervised. Physical examinations are made at regularly scheduled periods and at other times, when necessary, by the school physician; laboratory investigations are made when indicated. Chest x-ray or tuberculin tests, or both, are done semiannually. Students are under the care of the school physician or surgeon during their registration in the School. Within reasonable limits, the Department assumes the cost of medical care of illness originating during the student period. All students are covered by Blue Cross membership. The expenses of dental care and eye refraction must be born by the student.

► STUDENT ACTIVITIES

In accordance with the plan for all schools under the University, the students are organized under a Student Government Association. Through this organization the students have representation on the University Student Council, and are eligible for participation in the many activities at the Medical Center and on the Morningside campus.

The Honor System, which pertains to academic and other aspects of student life, is one of the major responsibilities of the Student Association. All students accept responsibility for maintaining a strong sense of individual and group honor.

The Activities Council of the Student Government Association provides a program or cocurricular activities to help meet the major interests of the student group. A joint committee, with representatives of the P&S Club of the College of Physicians and Surgeons, provides for coordination of the program of the two groups and allows for many cooperative undertakings.

The cocurricular program is under the guidance of the recreational director. Tennis courts on hospital grounds, swimming pool, gymnasium, and game room in Maxwell Hall offer opportunity for recreation.

The Student Handbook, published by the Student Government Association, contains a detailed account of the various student activities as well as the constitution and by-laws of the association. *Vital Signs*, written and edited by students, is the student newspaper.

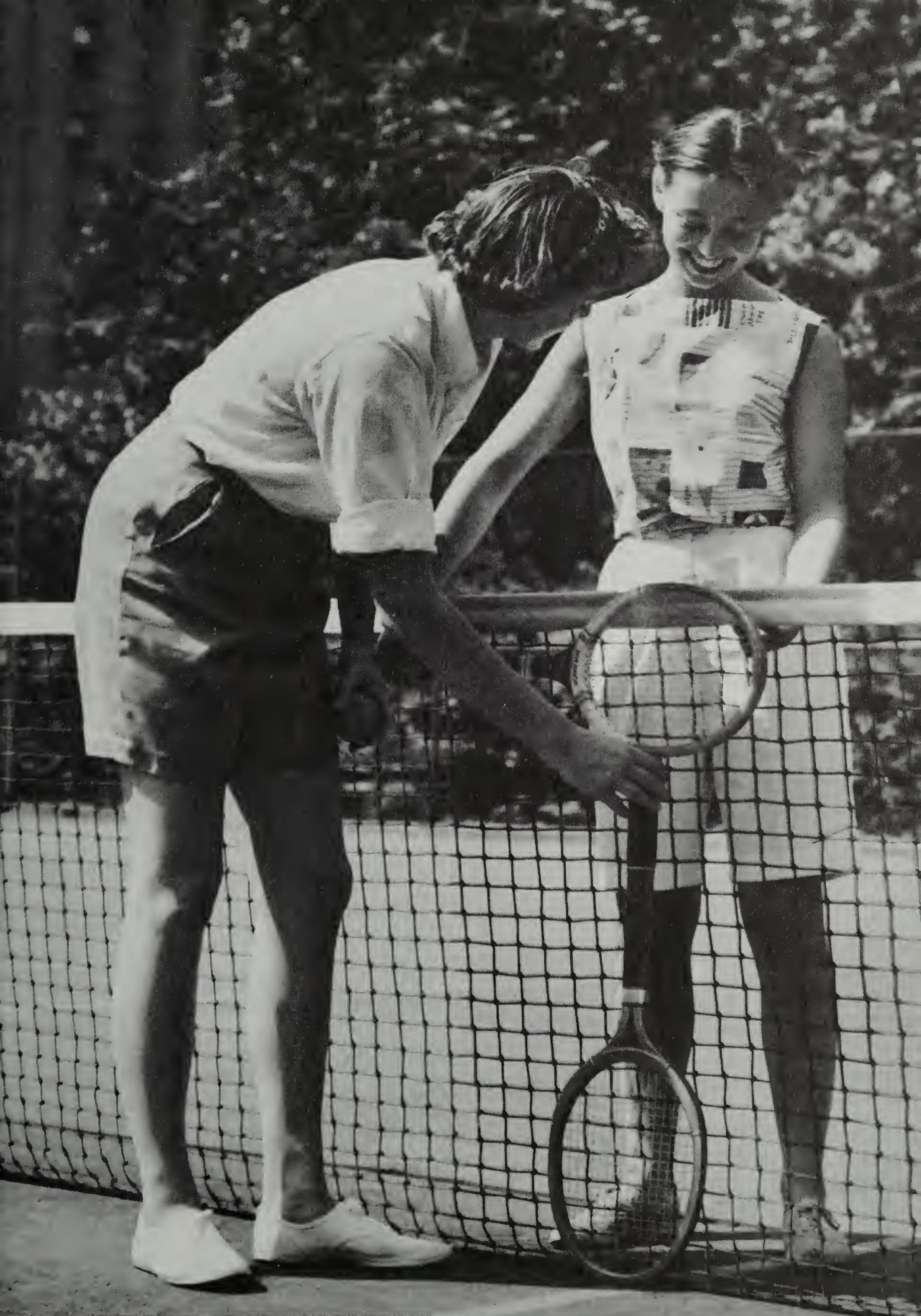
It is anticipated that the students will assume a contributing role in the school community.

► GRADUATION

At the Commencement exercises of Columbia University the degree of Bachelor of Science will be conferred upon students who have completed the prescribed course in the Department of Nursing and who are recommended by the Faculty of Medicine. Diplomas are presented individually at special exercises held by the Department of Nursing.

Every student completing the course will receive a certificate in nursing from the Presbyterian Hospital, upon recommendation of the Faculty of Medicine.

The diploma admits the graduate to membership in the Alumnae Association of the Columbia University-Presbyterian Hospital School of Nursing, and together with her state license to practice nursing (R.N.), it entitles her to membership in the American Nurses Association and other professional organizations.



TENNIS ON THE MEDICAL CENTER COURTS



SWIMMING POOL ACTIVITIES ARE IMPORTANT IN STUDENT RECREATION

STUDENTS LEAVE FOR A SKI TRIP



Distribution of Students

In 1960-1961 a total of 143 colleges and universities were represented in the student body.

Allegheny	2	Fairleigh Dickinson	4	Marymount (N.Y.)	1
Anderson	1	Finch	2	Marymount (Va.)	3
Anna Maria	1	Fordham	3	Maryville (Tenn.)	1
Asbury	1			Marywood	1
Augustana	1	George Washington	1	Miami (Ohio)	1
Averett	1	Georgetown University	1	Michigan	1
Bard	1	Goucher	2	Middlebury	2
Barnard	4	Green Mountain	13	Missouri	1
Bethel	1	Grove City	2	Mount Holyoke	7
Blackburn	1	Hamline	1	Mount St. Vincent	4
Boston University	4	Hartwick	2	Mount Vernon Junior	1
Bradford	3	Hiram	1	New Hampshire	3
Briarcliff	4	Hofstra	1	New Rochelle	3
Bucknell	2	Hood	2	New York State	
Buffalo	1	Hope	4	Teachers	1
California	3	Houghton	27	New York University	2
Cazenovia	2	Hunter	1	Newton College of the	
Cedar Crest	3			Sacred Heart	2
Centenary	12	Immaculata	1	Niagara	1
Colby Junior	6	Indiana	1	Northwestern	2
Colorado	1			Oberlin	1
Concordia Junior	3	Jackson (Mass.)	1	Ohio State	1
Connecticut University	3	Juniata	3	Ohio Wesleyan	3
				Ottawa	1
Denison	2	Kansas	1		
DePauw	1	Keuka	1	Packer Collegiate	
Douglass	8	King's	11	Institute	5
Drew	2			Pasadena	1
Dubuque	1	Lake Forest	1	Pembroke	2
Duke	5	Lasell Junior	2	Pennsylvania State	1
Dunbarton	1	Lebanon Valley	2	Pine Manor	4
		Lycoming	1	Pittsburgh	1
Earlham	1			Potomac State	1
Elizabethtown	1	McGill	1	Purdue	1
Elmira	17	Maine	1		
Emory	1	Mary Washington	1	Queens (N.Y.)	2

Radcliffe	1	Sullins	1	Wells	2
Redlands	1	Susquehanna	8	West Virginia	1
Regis (Mass.)	2	Sweet Briar	2	West Virginia	
Roanoke	1	Syracuse	4	Wesleyan	1
Rochester	9			Westbrook	1
Rosemont	1	Tennessee	1	Western	1
Russell Sage	1	Tennessee Wesleyan	1	Western Maryland	1
		Tufts	1	Westminster (Pa.)	3
St. John's (Annapolis)	1			Wheaton (Ill.)	5
St. Joseph's (Brooklyn)	3	Ursinus	1	Wheaton (Mass.)	2
St. Lawrence	1			Whitman	1
Shelton	2	Valparaiso	1	Willamette	1
Simmons	4	Vassar	1	William and Mary	2
Skidmore	6	Vermont College	2	William Smith	2
Smith	8	Virginia Intermont	2	Wilson (Pa.)	2
South Carolina	1			Wisconsin	1
Stephens	1	Wagner	6	Wittenberg University	1
Stratford	1	Wellesley	4	Wooster	4

Academic Calendar, 1961-1962

1961

May **10** Wednesday, through May 11, Thursday. Registration, including payment of comprehensive fee for the Second- and Third-Year classes, Group B.

22 Monday. New academic year begins for the Second-Year Class, Group B.

29 Monday. New academic year begins for the Third-Year Class, Group B.

July **4** Tuesday. Independence Day. Holiday.

Aug **1** Tuesday. Last day for filing application or renewal of application for all degrees to be awarded in October. The privilege of later application may be granted on payment of a late fee.

Sept **4** Monday. Labor Day. Holiday.

5 Tuesday. Orientation to program for First-Year Class, Groups A and B.

6 Wednesday. Registration, including payment of comprehensive fee and tuition, for First-Year Class, Groups A and B.

Oct **25** Wednesday. Award of October degrees.

Nov **7** Tuesday. Election Day. Holiday.

23 Thursday. Thanksgiving Day. Holiday.

Dec **1** Friday. Last day for filing application or renewal of application for all degrees to be awarded in February. The privilege of late application may be granted on payment of a late fee.

25 Monday. Christmas Day. Holiday for the Second- and Third-Year Classes. One week of vacation for the First-Year Class will be arranged by the department concerned.

1962

Jan **1** Monday. New Year's Day. Holiday.
 Dates for the spring term are shown on student schedules.

Feb **22** Thursday. Washington's Birthday. Holiday.

28 Wednesday. Award of February degrees.

Mar **1** Thursday. Last day for filing application or renewal of application for all degrees to be conferred in June. The privilege of later application may be granted on payment of a late fee.

May **30** Wednesday. Memorial Day. Holiday.

June

- 3** Sunday. Baccalaureate Service for the Class of 1962.
- 5** Tuesday. Conferring of degrees. Ceremony at Columbia University.
- 6** Wednesday. Presentation of diplomas and certificates. Ceremony in the Presbyterian Hospital Garden.
- 7** Thursday. Alumnae Day activities.
- 8** Friday. Completion of commencement activities.

VACATIONS

Four weeks of vacation will be scheduled during the summer in accordance with the courses carried.

Graduate Program in
Maternity Nursing

Program of Study

The graduate program in maternity nursing, which leads to the degree of Master of Science or a Certificate in Training, is offered by the Department of Nursing in co-operation with the University's School of Public Health and Administrative Medicine, the Maternity Center Association, and the Obstetrical and Gynecological Service of the Presbyterian Hospital.

Maternity Center Association is a voluntary organization which is continually working toward the improvement of maternity care. Through its many and varied educational and counseling services, it strives to make the coming of babies events which strengthen and hold families together. The Association was organized in 1918 and incorporated in 1919. The first school for nurse-midwives in the United States was opened by the Association for the Promotion and Standardization of Midwifery, Incorporated, in New York City in 1932, its directorate interlocking with that of the Maternity Center Association. In 1934, Maternity Center Association and the Association for the Promotion and Standardization of Midwifery entered into an agreement whereby the former assumed administrative and financial responsibility for the nurse-midwifery school. It holds a provisional charter to conduct a school from the University of the State of New York. In 1958 the home delivery service was discontinued. Since that time the education of the nurse-midwife has been concentrated in the hospital setting.

PHILOSOPHY

It is the belief of the faculty of this graduate program in nursing education that preparation for a master's degree should emphasize the attainment of intensive knowledge and competence in a chosen clinical field, with an introduction to the basic principles involved in functional preparation.

The education of the nurse-midwife at Columbia University is based on this philosophy. The course of study is designed to provide the student with continuous opportunity to relate and integrate her theoretical knowledge with clinical practice by assuming, under tutorial guidance, responsibility for the complete care of mother and baby throughout parturition. We believe that this responsibility for application of theoretical knowledge to the realities of clinical practice stimulates the motivating forces of learning, making it a dynamic process within the student, which becomes self-perpetuating and reaches far beyond the time spent within the walls of the University.

PROGRAM FOR THE MASTER OF SCIENCE DEGREE

The program is eleven months in length and leads to a Master of Science degree from Columbia University and a Certificate in Nurse-Midwifery from Maternity Center Association. The course is planned around preparation in the clinical specialty, based on a concept of continuous maternity care, centered on the family in a

community setting. The complete service (envisioned) considers the needs and desires of the people being served as well as the reduction of maternal and infant mortality and the maintenance of scientific and technical standards of care. It includes the education, emotional support, and guidance of expectant parents, skilled attendance and emotional support throughout labor, and the integration of maternity care with good family living.

A minimum of sixteen credits are required in maternity nursing, including field experience. This experience is obtained in the Obstetrical and Gynecological Service of Presbyterian Hospital, including a special midwifery clinic, and in other agencies, including the Maternity Center Association.

In order to meet the requirements for the degree, each student must complete a minimum of thirty-two credits. Since students come to the program with widely varied preparation and experience, and with different interests and aims, every effort is made to help them select additional courses which will meet individual needs and provide as much flexibility as possible. Many of the courses offered by the School of Public Health and Administrative Medicine, as well as courses offered by other schools in the University, are available to students in this program. The student should bear in mind, however, that preparation for specific jobs may require more than the eleven months included in this program.

Each student is required to investigate and prepare a report on a particular area of interest in maternity nursing. This project will be accepted in lieu of a thesis and carries two credits.

Students taking courses in the School of Public Health and Administrative Medicine may participate in an orientation program of approximately ten days starting on the day before registration in September. This program is designed to provide all entering students with an orientation to the community, the Medical Center, and the School. Emphasis is placed on a rapid survey of the nature of the community, its health problems, and some ways of dealing with them.

PROGRAM FOR THE CERTIFICATE IN TRAINING

Students who do not hold a baccalaureate degree or do not wish to register for the Master's degree, take the clinical courses, theory, and practice only. These students receive a Certificate in Training from Columbia University and a Certificate in Nurse-Midwifery from Maternity Center Association. The course is eight months in length and is offered twice during the year (see the Academic Calendar). Classes are conducted separately from those for M.S. candidates.

► ADMISSION

All candidates must be graduates of an approved school of nursing and licensed to practice in one of the states of the United States. Candidates for the Master of Science degree must hold a baccalaureate degree from a college acceptable to Columbia University. Acceptance of a student for admission is based upon individual evaluation of character, health, and past experience, as well as upon the fulfillment of academic requirements. The student should have a definite purpose to continue in professional work upon completion of the course.

Applicants, including foreign students, who do not meet the foregoing qualifications are considered on an individual basis.



ANNA C. MAXWELL HALL, SCHOOL OF NURSING RESIDENCE

All candidates are required to make formal application in writing on blanks supplied by the School. Each candidate must present a record of good health. The completed application must be accompanied by the application fee: a check or money order for \$15 payable to Columbia University. This fee helps to cover the cost of processing the application. It is therefore not refundable, nor is it credited toward tuition. The application must be completed and the candidate accepted before registration. Students requiring financial assistance should indicate this on the application. Some scholarships are available.

Application blanks and any further information about the program may be secured from: The Department of Nursing, Faculty of Medicine, Columbia University, 630 West 168th Street, New York 32, N.Y., or from Maternity Center Association, 48 East 92d Street, New York 28, N.Y.

Courses of Instruction

Courses offered by other schools in the University make it possible to arrange a program to meet the needs of the individual student.

The University reserves the right to withdraw or modify the courses of instruction or to change the instructors as may be necessary.

► MASTER OF SCIENCE PROGRAM

MATERNITY

Nursing 263. Introduction to concepts of maternity care. 1 pt

Professors Crawford and Macdonald, Miss Tease, and visiting lecturers. Hours to be arranged, autumn term.

A series of discussions with leaders in maternity care programs, designed to correlate the concepts presented in the basic curriculum and the factors involved in providing and improving maternity care.

Nursing 162. Orientation to maternity nursing 0 pts

Professors Crawford and Macdonald, and Miss Tease. Hours to be arranged, second and third quarters.

Second quarter: review of basic obstetrical nursing. Third quarter: orientation to Presbyterian Hospital, the Department of Obstetrics and Gynecology, and the plan for the ensuing program.

Nursing 264. Maternity care project. 2 pts

Professor Macdonald. Hours to be arranged according to the project selected, third and fourth quarters.

Prerequisite: *Biostatistics 201; Epidemiology 203 and 204.*

The exploration, as individuals or as a group, of a major problem related to maternal and newborn care in a community. The project draws upon the student's previous experience and training before and during the current school year, and provides an intensive experience in working under faculty guidance with other community resources.

Nursing 265. Obstetrics and pediatrics for nurse-midwifery. 3 pts

Dr. Friedman; members of the medical faculty of the Department of Obstetrics and Gynecology and the Department of Pediatrics.

Lectures on the theory of obstetrics, including reproductive anatomy and physiology; disorders of the reproductive system; physiology of pregnancy, labor, and the puerperium; management and care of the newborn; complications of the newborn; other aspects of infant care.

Nursing 266. Maternity nursing and nurse-midwifery. 3 pts

Professor Macdonald, Misses Tease and Parke; members of the Department of Obstetrics and Gynecology. Three hours per week, third and fourth quarters.

Discussion of management and nursing care of the antepartal, intrapartal, and postpartal phases of maternity care in seminars based on students' clinical experience with individual mothers and their families. Part of the discussions deal with content; part are aimed at helping the student identify the needs of parents and analyze her own effectiveness in meeting these needs.

of Obstetrics and Gynecology. Approximately two days per week, third and fourth quarters.

Prerequisite or parallel: *Nursing 265 and 266.*

This unit includes experience in maternity nursing and in nurse-midwifery. Students learn how to teach and supervise a certain number of selected mothers throughout pregnancy, labor, and delivery. Blocks of experience in the rooming-in unit, the premature nursery, and in other areas related to the student's particular interest may be included. A limited amount of experience in the management of normal labor and delivery of the baby are included.

Nursing 267. Curriculum and teaching survey. 2 pts

Professors Pettit and Reilly. Two hours per week, third and fourth quarters.

Lectures and discussion on principles of teaching and curriculum construction. General concepts of education, principles of teaching and learning, methodology, student-teacher relationships, curriculum patterns and their development, unit construction, and principles and tools of evaluation and measurement. As part of the requirement for the course, each student selects a teaching project which can be carried out in the field of maternity care.

Nursing 268. Evaluative research methods. 3 pts

Professor Elinson and Mr. Columbotus. Six hours per week, second quarter.

Principles of evaluative research methods as applied to problems in nursing. Sample surveys, interviewing, and other data-collecting techniques, questionnaire construction, coding, tabulation, data analysis, and communication of results.

Nursing 270. Nurse-midwifery. 4 pts

Professor Macdonald, Misses Strachan and Tease, members of the staff of Maternity Center Association. Full time, summer season.

Prerequisite: *Nursing 265, 266, and 266A.*

Intensive unit of theoretical and practical experience in antepartal, intrapartal, and postpartal care of mothers and babies. Clinical practice, teaching rounds, case presentations, and seminars with obstetricians and nurse-midwifery instructors. Since this kind of experience cannot be preplanned and is not confined to a daytime schedule, it is necessary that the student be available full time.

Nursing 272. Parent education. 2 pts

Professor Crawford and Miss Cavero; members of the staff of Maternity Center Association. Two hours per week, spring term and summer session.

Prerequisite: *Nursing 267.*

A study of the informational needs of mothers and their families throughout the entire maternity cycle and of how these needs may be met. Observation and practice teaching at Presbyterian Hospital and/or Maternity Center Association.

GENERAL BACKGROUND COURSES

Biostatistics 201. Introduction to vital statistics. 2 pts

Professor Fertig and staff. Two half-days a week, first quarter.

Lectures and laboratory work. Mass data of the health fields; the content of vital statistics; methods of collecting, tabulating, and graphing data; elementary methods of analyzing some of the simpler types of data in terms of averages, percentages, and rates. The laboratory work, which comprises about two thirds of the course, is devoted to the practical application of the methods presented in the lectures.

Biostatistics 202. Introduction to the analysis of experimental data. 2 pts

Professor Fertig and staff. Two half-days a week, second quarter.

Lectures and laboratory work. Summarizing experimental data by means of percentages, averages, and measures of variations; methods of evaluating chance variation as applied to percentages and to averages; evaluating evidence given by groups of experiments; introduction to the general concept of correlation. The laboratory work, which comprises about two thirds of the course, is devoted to the practical application of the methods presented in the lectures.

Epidemiology 203. Fundamentals of epidemiology. 2 pts

Professor Clark and staff. Six hours a week, first quarter.

Lectures, exercises, seminars, and laboratory. Modern concepts and basic principles of epidemiology,

both as a body of knowledge and as a method of gaining knowledge, with emphasis on the importance of agent, host, and environmental factors in a dynamic concept of disease processes. Principles of the epidemiologic approach, illustrated by a consideration of the natural history of both communicable and noncommunicable diseases, with emphasis on the contribution of epidemiology to prevention and control.

Epidemiology 204. Epidemiologic methods. 3 pts

Professor Clark and staff. Nine hours a week, second quarter.

Prerequisite: *Biostatistics 201* and *Epidemiology 203*.

Lectures, exercises, seminars, and laboratory. Teaching exercises devoted to the development of skills in the use of epidemiologic methods, as demonstrated through studies of epidemics, selected community problems, and specific communicable and noncommunicable diseases. Multiphasic screening, considered and demonstrated as a means of collecting data of epidemiologic importance. Detailed illustration of basic principles of research design introduced in *Epidemiology 203*. Illustration of methods of observation, collection, tabulation, analysis, correct interpretation, rational explanation, and practical use of epidemiologic data.

Administrative Medicine 201A. Group processes. 1 pt

Two hours a week, first quarter.

Students are divided into groups of about sixteen each. Utilizing group discussion techniques, students work toward greater objectivity in observing and understanding their own behavior and that of others in groups. Skills in participation and leadership in groups, and in communication in general are identified, used, and refined.

Administrative Medicine 201B. Principles of administration. 1 pt

One and one-half hours a week, second quarter.

Basic principles of institutional management, with particular reference to the fields of public health and hospital administration.

Administrative Medicine 201C. Personnel management. 1 pt

One and one-half hours a week, third quarter.

The role of the personnel manager in a modern organization, including a brief description of his functions and techniques, with emphasis on means through which he and his staff can help management fulfill its responsibilities for the most effective management of personnel.

Mental Health 201. Personality: its development and functioning. 2 pts

Dr. Sanders. One and one-half hours a week, first and second quarters.

Lectures and seminars. The problems encountered in the various stages of psychological growth and personality development, as related to programming in public health and administrative medicine. Interpersonal relations and the theory and techniques of interviewing.

Hospital Administration 200. Introduction to hospital administration. 1 pt

Professor Clay. One and one-half hours a week, third quarter.

Hospital organization and management and the responsibility of the hospital to the community.

Hospital Administration 203. Legal aspects of hospital administration. 1 pt

Mr. Hayt. One and one-half hours a week, second quarter.

Responsibilities entailed in admission of patients; negligence liability for acts by nurses, doctors, students, and employees; medical malpractice; unauthorized operations; loss of valuable personal property of patients; licensure; the student nurse and the intern; pharmacist and pharmacy. Laws covering the dead and necropsies.

Nutrition 201. Principles of individual and public health nutrition. 2 pts

Professor Sebrell. Two hours a week, third and fourth quarters.

Review of the essentials of nutrition and principal human nutritional deficiency conditions. Epidemiological aspects of nutrition. Factors affecting adequacy of dietary intake in the population, method of determining nutritional status, the development of nutrition standards, and recent advances in experimental nutrition and related fields which affect public health.

Public Health Education 201. Principles of public health education. 2 pts

Professor Rosen. Two hours a week, first and second quarters.

Lectures and demonstrations. An analysis of health education as a community function and as a fundamental element in public health programs, with attention to backgrounds, nature and scope, theoretical bases, and tools of health education, to community organization, and to problems of evaluation and research.

Public Health Practice 202. Principles of public health practice. 1 pt

Professor Barnard and staff. Two and one-half hours a week, second quarter.

The place of the local public health agency in the total community organization, its relation to governmental structure, the legal and financial bases of public health programs, the interrelationships of programs and personnel within agencies, and the necessary liaison of a local health unit with the official state and federal agencies and with the voluntary agencies.

Public Health 206. The community and its health problems. 3 pts

Five hours of lecture-discussion and demonstration and two hours of seminar a week, first quarter. Four hours of lecture-discussion and one and one-half hours of seminar a week and two half-day field trips, second quarter.

Primarily for students in the curricula leading to the degrees of Master of Public Health and Master of Science in administrative medicine and hospital administration.

Development of a general understanding of the objectives, scope, and interrelationship of community health activity of all types and sponsorship in terms of social organization and change. Integrated with *Administrative Medicine 201*, *Epidemiology 203* and *204*, *Public Health Education 201*, *Sanitary Science 201*, and *Hospital Administration 201*.

Sanitary Science 201. Principles of environmental sanitation. 2 pts

Three hours a week and two field trips, first quarter.

An administrative and broad technical approach to the prevention of disease hazards and the promotion of man's well-being through the control of the environment. Designed to provide students working for the Master of Public Health degree with a general perspective of sanitary problems and the basic principles and practices employed in their control.

Hospital Administration 206. Nursing service and nursing education. 1 pt

Professors Montag and Anderson. One and one-half hours a week, second quarter.

Organization and administration of nursing departments and schools of nursing.

► CERTIFICATE-IN-TRAINING PROGRAM

Nursing 162. Orientation to maternity nursing. 0 pts

Professors Crawford and Macdonald, and Miss Tease. Hours to be arranged, autumn term or summer session.

A brief series of discussions, demonstrations, and tours designed to review basic obstetrical nursing and to orient the student to the Presbyterian Hospital, the Department of Obstetrics and Gynecology, and the plan of the Certificate-in-Training Program in Maternity Nursing.

Nursing 163. Parent education. 2 pts

Professor Crawford; Misses Tease and Cavero. Two hours per week, autumn term or summer session.

A study of the needs of mothers and their families throughout the entire maternity cycle and how these needs can best be met. Techniques of interviewing, principles of learning, the role of the nurse in teaching expectant parents, and the use of other agencies in meeting the needs of mothers and their families.

Nursing 164. Medical lectures in obstetrics. 2 pts

Members of the medical faculty of the Department of Obstetrics and Gynecology. Two hours per week, autumn term or summer session.

A systematic development of the reproductive anatomy and physiology, and the physiology, management, and complications of pregnancy, labor and delivery, and the puerperium.

Nursing 165. Maternity nursing and nurse-midwifery. 3 pts

Professor Macdonald and Miss Tease. Three hours per week, autumn term or summer session.

Prerequisite or parallel: *Nursing 163.*

Discussion and demonstration of nursing care and emotional support during pregnancy, labor and delivery, and the puerperium. Includes the management of the antepartal, intrapartal, and postpartal phases of normal pregnancy and labor, and the care and supervision of the newborn.

Nursing 165A. Field work. 4 pts

Professor Macdonald; Misses Tease, Parke, and Cavero; members of the Department of Obstetrics and Gynecology. Approximately three days per week, autumn term or summer session.

Prerequisite or parallel: *Nursing 164 and 165.*

This unit includes experience in maternity nursing in the hospital as well as an introductory experience in nurse-midwifery. Experience is provided in the antepartal clinic, labor and delivery unit, postpartum service, rooming-in, and premature nursery. Students learn how to teach and supervise a certain number of selected mothers throughout pregnancy, and labor and delivery. A limited amount of experience in the management of normal labor and delivery of the baby is included in the hospital experience.

Nursing 170. Nurse-midwifery. 4 pts

Professor Macdonald; Misses Tease and Strachan; members of the staff of Maternity Center Association. Full time, spring or autumn term.

Prerequisite or parallel: *Nursing 164 and 165.*

The second unit in nurse-midwifery tests the student's knowledge of the theory and practice of maternity nursing and the integration of nurse-midwifery with nursing skills. It includes preparation of the mother for labor, education of the expectant parents, antepartal supervision of the mother in the clinic, management of normal labor and delivery of the baby, and postpartal care of the mother and newborn baby. Since this kind of experience cannot be preplanned, it is necessary that the student be available full time, although opportunity for study is included in the schedule.

Registration and Expenses

Each student must register in the Office of the Registrar of the Faculty of Medicine, Room 2-405, College of Physicians and Surgeons, 630 West 168th Street, before she may attend classes. Registration dates are given in the Academic Calendar. Registration includes payment of fees.

Master of Science candidates pay tuition and comprehensive fees as given in the schedule below. Certificate-in-Training students pay the full fee at the beginning of the course. The student health service fee is paid annually by all full-time students at the beginning of the school year. Checks should be drawn to the order of Columbia University. If fees are paid after the day of registration, the charge of \$6.00 is automatically imposed. Under the regulations, the privileges of the University are not available to any student until she has completed her registration.

FOR MASTER OF SCIENCE CANDIDATES

Autumn term

Comprehensive fee	\$ 50.00
Tuition	650.00
Student health and hospital fee	50.00*

Spring term

Comprehensive fee	50.00
Tuition	650.00

Summer session

Comprehensive fee	10.00
Total	\$1,460.00

FOR CERTIFICATE-IN-TRAINING CANDIDATES

Tuition payable to Columbia University	\$150.00
Tuition payable to Maternity Center Association	250.00

APPLICATION FEES AND LATE FEES

Application for admission	\$15.00
Application for each special examination	10.00
Renewal of application for a degree or certificate (see below)	1.00
Late registration	6.00
Late application, or late renewal of application, for a degree or certificate	5.00

REGULATIONS

For University regulations concerning registration, attendance and length of residence, grades, marriage, and academic discipline, see page 29 of this bulletin.

WITHDRAWAL AND ADJUSTMENT OF FEES

An honorable discharge will always be granted to any student in good academic standing and not subject to discipline who may desire to withdraw from the University. Students withdrawing are required to notify the Registrar in writing at once. The Chairman of the Department of Nursing may, for reasons of weight, grant a leave of absence to a student in good standing.

The comprehensive fee, application fees, special fees, and late fees are not refundable. If a student withdraws from the School, a partial return of the tuition that she has paid may be authorized by the Registrar. When a rebate is allowed, it will be reckoned from the day upon which the Registrar receives written notice from the student.

APPLICATION OR RENEWAL OF APPLICATION FOR A DEGREE

A candidate for a degree must file application by the date specified in the Academic Calendar. If the degree is not earned by the next regular time for the issuance of diplomas subsequent to the date of filing, the application may be renewed for a fee of \$1.00 each time that the candidate chooses to come up for consideration. Degrees are awarded three times a year—in October, February, and June.

► LIVING ARRANGEMENTS

All students registered in the University are eligible for rooms in University residence halls, as listed below. Assignment of rooms is made by the term. Fees may be paid by the term or by the month. Requests for information and for application forms should be made directly to the individual residence hall. The Morningside campus is located approximately twenty minutes by bus or subway from the Washington Heights campus and the Presbyterian Hospital.

Medical Center Campus:

Anna C. Maxwell Hall, School of Nursing residence, 179 Ft. Washington Avenue (located directly across the street from the Presbyterian Hospital). Apply directly to The Department of Nursing, Faculty of Medicine, Columbia University, 630 West 168th Street, New York 32, N.Y.

Bard Hall, medical school residence, 50 Haven Avenue, New York 32, N.Y. (about three blocks from the Presbyterian Hospital).

Morningside Campus:

Johnson Hall, women's residence hall, 411 West 116th Street, New York 27, N.Y. International House, 500 Riverside Drive, New York 27, N.Y. Not a University residence hall, but primarily for graduate students at Columbia and other colleges and universities in New York City.

King's Crown Hotel, 420 West 116th Street, New York 27, N.Y. Owned by the University; provides accommodations at reasonable rates for relatives and guests of members of the University. Students who have not secured accommodations before arrival in New York City may make reservations here temporarily and secure assistance from the Personnel Director in the Nursing Department in finding off-campus accommodations.

Dining facilities at the Presbyterian Hospital are open to students. It has been estimated that approximately \$150 monthly should be budgeted for room and meals.

STUDENT HEALTH SERVICE

The student health service fee is payable by all full-time students at the beginning of the school year. This fee will be used to pay the annual premium of the Associated Hospital Service of New York for hospital insurance and to pay part of the cost of the student health service. If the student wishes to carry her own hospital insurance, the fee for health services will be \$7.28.

Daily office hours are held by the Student Health Service in Room 2-220 of the Vanderbilt Clinic. Members of the health service are available to attend students who are ill at home, if they live near the Medical Center.

UNIFORMS

D'armagene summer public health uniform, with regulation white oxfords, will be worn for all field experience. Lockers are provided in the hospital so that uniforms need not be worn on the street.

► TEACHING FACILITIES AND LIBRARIES

Amphitheaters, classrooms, and laboratories of the Faculty of Medicine and the Obstetrical Service of the Presbyterian Hospital are used. The clinical fields available through the several cooperating agencies afford learning opportunities in the clinic and hospital.

The Medical Library occupies parts of the three lower floors in the College building. It provides current literature (both books and journals) for faculty and students, and it aids in research through interlibrary loans and through its unique bibliographic service. A professional library staff is available to aid students, faculty members, and research workers in the schools of Medicine, Dental and Oral Surgery, Nursing, and Public Health and Administrative Medicine, and in the hospitals of the Medical Center. Supplementary library facilities in the various clinical specialties are available.

* This fee is \$7.28 if hospitalization insurance is already carried.

Academic Calendar, 1961-1962

AUTUMN TERM

Sept **8** Friday. Orientation for M.S. candidates.

11 Monday. Registration, including payment of fees, for M.S. candidates and Certificate-in-Training candidates.

14 Thursday. Classes begin (First Quarter).

Nov **7** Tuesday. Election Day. Holiday.

15 Wednesday. First Quarter ends.

16 Thursday. Classes begin (Second Quarter).

23 Thursday, through November 26, Sunday. Thanksgiving Holidays.

Dec **24** Sunday, through January 7, 1962, Monday. Christmas Holidays.

SPRING TERM

Jan **26** Friday. Registration, including payment of fees, for M.S. candidates.

27 Saturday. Second Quarter ends.

29 Monday. Classes begin (Third Quarter).

Mar **1** Thursday. Last day for filing application for all degrees and certificates to be awarded in June.*

24 Saturday. Third Quarter ends.

26 Monday. Classes begin (Fourth Quarter).

Apr **20** Friday, through April 22, Sunday. Easter Holidays.

May **1** Tuesday. Last day for filing application for *late* June degrees and certificates.

26 Saturday. Fourth Quarter ends.

June **3** Sunday. Baccalaureate Service.

4 Monday. Classes begin for M.S. candidates (Maternity Center Association). Registration, including payment of fees, for Certificate-in-Training candidates.

5 Tuesday. Conferring of degrees. Ceremony on the Morningside Campus.

Aug **1** Tuesday. Last day for filing application for degrees and certificates to be conferred in October.*

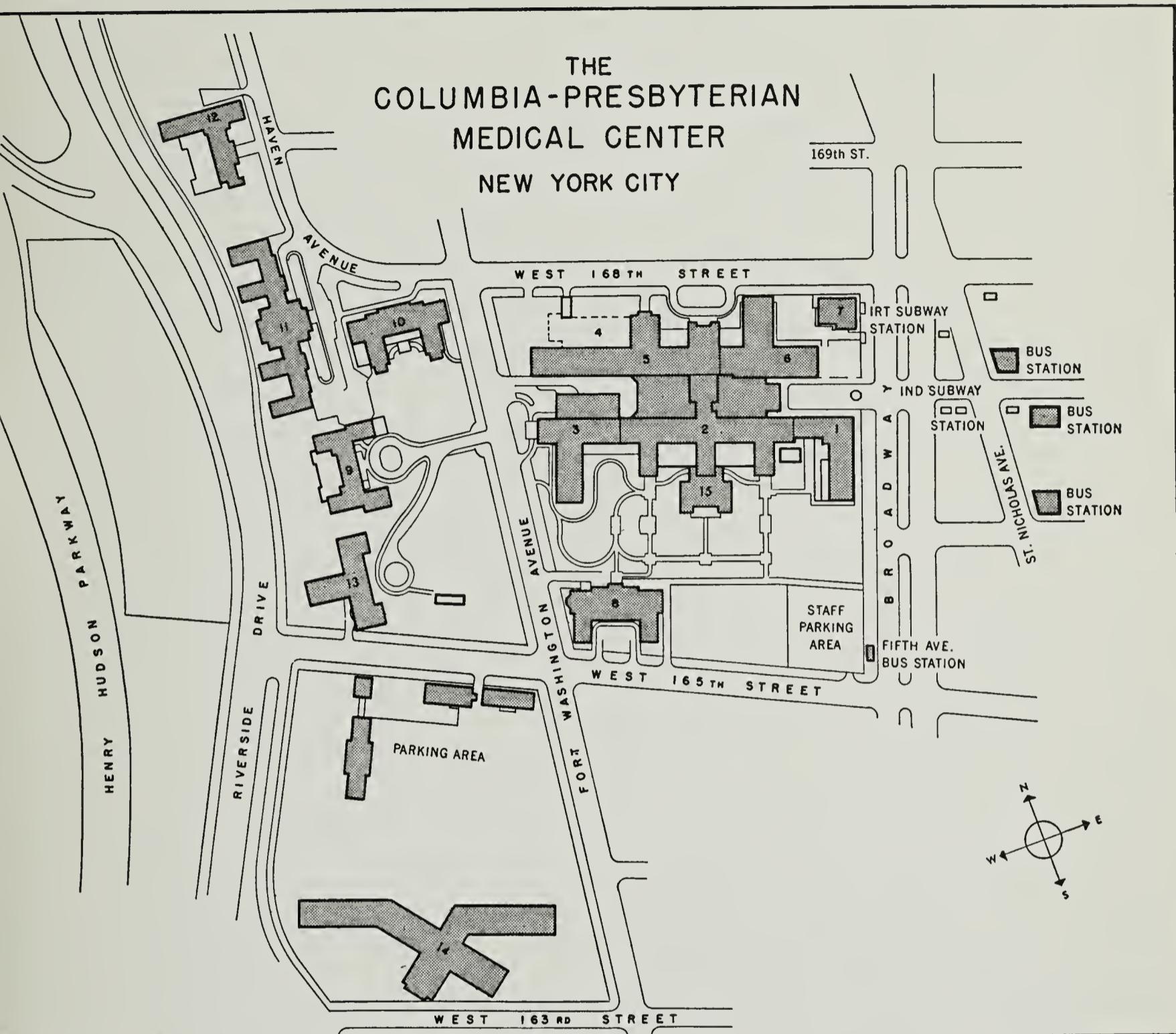
Sept **1** Saturday. Completion of course for M.S. candidates.

*Students who file after this date must pay a late fee.



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**THE
COLUMBIA-PRESBYTERIAN
MEDICAL CENTER
NEW YORK CITY**



- 1. BABIES HOSPITAL
- 2. PRESBYTERIAN HOSPITAL
- N.Y. ORTHOPAEDIC HOSPITAL
- SLOANE HOSPITAL
- SQUIER UROLOGICAL CLINIC
- 3. HARKNESS PAVILION
- 4. POWER HOUSE
- 5. COLLEGE OF PHYSICIANS
AND SURGEONS
- 6. VANDERBILT CLINIC
- SCHOOL OF DENTAL AND
ORAL SURGERY
- 7. N.Y. CITY DEPT. OF HEALTH
SCHOOL OF PUBLIC HEALTH AND
ADMINISTRATIVE MEDICINE
- 8. INSTITUTE OF OPHTHALMOLOGY
- 9. MAXWELL HALL
- 10. NEUROLOGICAL INSTITUTE
- 11. N.Y. STATE PSYCHIATRIC INSTITUTE
- 12. BARD HALL
- 13. HARKNESS MEMORIAL HALL
- 14. FRANCIS DELAFIELD HOSPITAL, N.Y.C.
- 15. PAULINE A. HARTFORD
MEMORIAL CHAPEL

To Reach the Medical Center: By subway, the Washington Heights Express of the IND Eighth Avenue or the Van Cortland Park train of the IRT Seventh Avenue. By bus, Fifth Avenue Bus #4 or #5. By car, the Westside Highway exit at the George Washington Bridge. Parking facilities are available at West 164th Street and Fort Washington Avenue.

